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Notice of Allowability

Application No.

10/779,614

Applicant(s)

KAWAGUCHI ET AL.

Examiner

Susan S. Lee

Art Unit

2852

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-30.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/18/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The primary reason for allowance of claims 1-8 is the inclusion of a transfer member that is pressed toward an image bearing member by pressure exerted between a first contact portion and a second contact portion. The first contact portion and the second contact portion can be mutually contacted for applying a voltage to the transfer member. The first contact portion having a convex portion. The convex portion has a hardness larger than a hardness of the second contact portion. This is found in all of claims 1-8, but not disclosed nor suggested by the prior art of record.

The primary reason for allowance of claims 9-15 is the inclusion of a transfer member that is pressed toward an image bearing member by pressure exerted between a first contact portion and a second contact portion. The first contact portion and the second contact portion can be mutually contacted for applying a voltage to the transfer member. The first contact portion having a convex portion and the second contact portion having a concave portion. This is found in all of claims 9-15, but not disclosed nor suggested by the prior art of record.

The primary reason for allowance of claims 16-23 is the inclusion of a voltage applied member that is pressed by pressure exerted between a first contact portion and a second contact portion. The first contact portion and the second contact portion can be mutually contacted for applying a voltage to the voltage applied member. The first contact portion having a convex portion. The convex portion has a hardness larger than

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a hardness of the second contact portion. This is found in all of claims 16-23, but not disclosed nor suggested by the prior art of record.

The primary reason for allowance of claims 24-30 is the inclusion of a voltage applied member that is pressed by pressure exerted between a first contact portion and a second contact portion. The first contact portion and the second contact portion can be mutually contacted for applying a voltage to the voltage applied member. The first contact portion having a convex portion and the second contact portion having a concave portion. This is found in all of claims 24-30, but not disclosed nor suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Choi, Marumoto, Miyake et al., Iwata (Japan, 544), Akamatsu et al. (Japan, 078), Nonomura (Japan, 474), Komura et al. (Japan, 882), and Tamaoki et al. (Japan, 614) disclose art in transfer members.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan S. Lee whose telephone number is 571-272-2137. The examiner can normally be reached on Mon. - Fri., 10:30-8:00, Second Monday Off.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Art Grimley can be reached on 571-272-2136 or 571-272-2800 (Ext. 52).

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Susan S. Lee
Primary Examiner
Art Unit 2852

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